



FLOODING MITIGATION COMMITTEE MEETING MINUTES - Draft OCTOBER 8, 2014 – 5:00 p.m.

The City of Miami Beach Flooding Mitigation Committee met on Wednesday, October 8, 2014, at 5:00 p.m. in the City Manager's Large Conference Room. The meeting was led by Commissioner Jonah Wolfson. Commissioners Michael Grieco and Joy Malakoff were in attendance. The minutes of the meeting held on September 3, 2014 will be submitted to the City Commission for approval at the October 22, 2014 meeting.

REPORT FROM MAYOR'S BLUE RIBBON PANEL ON FLOODING AND SEA RISE

Scott Robins, Chair of the Panel reported that the discussion from their last meeting reviewed the action plan the City had developed to address the expected flooding caused by the King Tides in the City. The Panel recommended installing temporary pumps along with inflatable plugs to place in pipes that may cause flooding in the City.

UPDATE OF ONGOING PROJECTS

Bruce Mowry, City Engineer reported on ongoing projects City staff is working on to address flooding. The presentation reviewed projects Citywide and the effects that were being observed and how staff was implementing solutions to reduce the impact of flooding. It was reported that the two pump station constructed at 10th and 14th Street were placed in operation on September 30th and had been running continuously. The staff had seen dewatering in South Beach from not only on West Avenue and Alton Road, but also in Flamingo Park on Meridian Ave. Water in the storm water collection systems on Euclid had reduced levels to a point that gravity wells in the system had gone artesian and flowing up into the collection system. It was also reported that two of the rebuilt storm water pump stations were placed in full operation in Sunset Harbour and that Pump Station No. 3 on 20th Street was nearing completion. Temporary pumps and plugs installed in Sunset Harbour were being utilized to prevent flooding. David Martinez, Director of CIP gave an update on projects that were operational in the City.

ACTION: No Action Taken

PRESENTATION BY KEARY CUNNINGHAM, PW, GIS MGR. – GIS AS-BUILT IMPROVEMENTS

GIS has been making improvements to the method of inputting as-built drawing information into the City's electronic data base and into programs staff had written that automatically review data to identify missing or incorrect information. Staff is working to make this data base available to City consultants designing drainage systems and eventually making the data available for residents.

ACTION: No Action Taken

AECOME UPDATE – HYPOTHETICAL MODEL; BASE FLOOD +3 AND FLOOD ELEVATION

A brief presentation was made to review the methodology used to size drainage systems in the City and a discussion of level of service definition to determine the allowable flood water in the streets. Tom McGowan also passed out a proposed scope of work to be used to evaluate potential criteria for the City to set all new commercial and residential finished floor elevation at the FEMA Base Flood Elevation plus 3 feet to ensure that these facilities would have a reduced risk of flooding.

ACTION: The Committee asked that all future presentations address the assumptions and outcomes.

INDIAN CREEK SEAWALL 26TH – 29TH STREETS AND DISCUSSION ON CITY OWNED SEAWALLS

The flooding that was being experienced on Indian Creek Drive was discussed. This is an FDOT road. It was stated that most of the seawalls that are underwater are privately owned. Commissioner Wolfson asked that an action plan be developed to resolve this issue and outline the elements of this solution and the benefits of such action.

ACTION: An action plan be developed and brought back to this Committee for discussion

ADJOURNMENT: The meeting was adjourned at 6:45 p.m. The Flooding Mitigation Committee will meet next on Wednesday, November 12, 2014 at 5:00 p.m. in the City Manager's Large Conference Room. The meeting will be posted on the City's website www.miamibeachfl.gov, Quick Links, Commission Committee Referral Tracking (CCRT), Flooding Mitigation Home Page to obtain future and past agendas.